

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/003458

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B26B21/22 B26B21/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B26B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04, 30 April 1997 (1997-04-30) & JP 08 323067 A (SHISEIDO CO LTD), 10 December 1996 (1996-12-10) abstract; figures 1-18	1-5, 8
Y	CA 2 184 639 A (SALIBA NEMR TANIOS) 29 April 1998 (1998-04-29) the whole document	9-11, 15
Y	US 4 461 078 A (CARREKER REGINALD V) 24 July 1984 (1984-07-24) cited in the application column 1, line 7 - column 2, line 54 column 3, line 52 - column 4, line 7; figures 1-4	9, 10
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *3* document member of the same patent family

Date of the actual completion of the international search

13 July 2005

Date of mailing of the international search report

28/07/2005

Name and mailing address of the ISA

European Patent Office, P.O. 5016 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Maier, M

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2005/003458

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 157 835 A (LAZARCHIK ET AL) 27 October 1992 (1992-10-27) column 3, line 51 – column 4, line 52; figures 5,6	11-14
Y	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04, 30 April 1997 (1997-04-30) & JP 08 323066 A (SHISEIDO CO LTD), 10 December 1996 (1996-12-10) abstract; figures 1-5	11,15
A	US 5 608 972 A (TSAE-CHYN CHERN) 11 March 1997 (1997-03-11) abstract; figures 1-3	
A	US 6 052 905 A (DONNARUMMA JR MICHAEL ET AL) 25 April 2000 (2000-04-25) abstract; figures 1-1c	1,11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/003458

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 08323067	A	10-12-1996	NONE			
CA 2184639	A	29-04-1998	CA	2184639 A1		29-04-1998
US 4461078	A	24-07-1984	NONE			
US 5157835	A	27-10-1992	AT AU AU BR CA DE DE EP ES JP JP KR MX NZ WO ZA	168310 T 661318 B2 1997892 A 9205332 A 2089749 A1 69226252 D1 69226252 T2 0551455 A1 2118134 T3 6500725 T 3188458 B2 245830 B1 9203115 A1 243217 A 9300203 A1 9203514 A		15-08-1998 20-07-1995 25-01-1993 08-03-1994 27-12-1992 20-08-1998 18-02-1999 21-07-1993 16-09-1998 27-01-1994 16-07-2001 01-05-2000 01-12-1992 26-10-1994 07-01-1993 24-02-1993
JP 08323066	A	10-12-1996	NONE			
US 5608972	A	11-03-1997	NONE			
US 6052905	A	25-04-2000	NONE			